

constant  
**VOLTAGE**



**RIPPLE  
FREE**



## 5.1.1

Constant voltage drivers - Compact case - Switchable Alimentatori a tensione costante - Formato compatto - Non regolabili

**Rated Voltage**  
**Tensione Nominale**  
 220 ÷ 240 V

**Frequency**  
**Frequenza**  
 50/60 Hz

**AC Operation range**  
**Tensione di utilizzo AC**  
 198 ÷ 264 V

**DC Operation range**  
**Tensione di utilizzo DC**  
 (see page info15)  
 DC 176 ÷ 264 V  
 (NO 150 W)

**Power**  
**Potenza**  
 0 ÷ 150 W

**Output current ripple**  
 $\leq 3\%$  <sup>(1)</sup>

**Standards compliance**  
 EN 50172 (VDE 0108)  
 EN 55015  
 EN 61000-3-2  
 EN 61000-3-3  
 EN 61347-1  
 EN 61347-2-13  
 EN 61547  
 VDE 0710-T14

**Max. pcs for CB B16A**  
 (see page info17)  
 15 pcs

**In rush current**  
 15A 600 $\mu$ sec

**Max. pcs for CB B16A**  
 (see page info17)  
 8 pcs (for **DC 150**)

**In rush current**  
 35A 100 $\mu$ sec  
 (for **DC 150**)

Article Articolo	Code Codice	P out W	V out DC	I out DC	ta °C	tc °C	$\lambda$ max. Power Factor	$\eta$ max. Efficiency <sup>(1)</sup>
<b>DC 50W 24V VST</b>	122752	50	24	2 A max.	-40...+45	70	0,97	> 90
<b>DC 50W 12V VST</b>	122756	50	12	4,2 A max.	-40...+45	70	0,97	> 88
<b>DC 50W 48V VST</b>	122766	50	48	1 A max.	-40...+45	70	0,97	> 90
<b>DC 70W 24V VST</b> <sup>(3)</sup>	122750	70 <sup>(3)</sup>	24	2,9 A max.	-40...+45	70	0,97	> 91
<b>DC 70W 12V VST</b>	122758	70	12	5,8 A max.	-40...+45	70	0,97	> 89
<b>DC 70W 48V VST</b>	122762	70	48	1,45 A max.	-40...+45	70	0,97	> 91
<b>DC 150W 24V VST</b>	122754	150	24	6,25 A max.	-40...+45	75	0,98	> 94
<b>DC 150W 48V VST</b> <sup>(2)</sup>	122764	150	48	3 A max.	-40...+45	75	0,98	> 94

(1) Referred to  $V_m = 230$  V, 100% load - Riferito a  $V_m = 230$  V, carico 100%  
 (2) Without KEMA - Senza KEMA  
 (3) Load allowed up to 75 W - Carico massimo 75 W

Accessories not supplied - Accessori non a corredo	
Article - Articolo	Code - Codice
dimmer <b>SED 4.5A R57 (7.)</b>	120300



### Features

- AC/DC electronic driver with output in voltage, specific for installations in compliance with the standards of lighting applications.
- IP20 independent driver, for indoor use.
- Class I protection against electric shock for direct or indirect contact.
- Input and output terminal blocks on opposite sides.
- Single terminal block on primary (wire cross-section up to 0,5 - 2,5 mm<sup>2</sup> / AWG20 - AWG13).
- Double terminal blocks on secondary (wire cross-section up to 0,5 - 2,5 mm<sup>2</sup> / AWG20 - AWG13).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 6 mm - max. 9 mm.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.

### Caratteristiche

- Alimentatore elettronico tipo AC/DC con uscita in tensione specifico per installazioni con Norme settore illuminazione.
- Alimentatore indipendente IP20, per uso interno.
- Protetto in classe I contro le scosse elettriche per contatti diretti e indiretti.
- Morsetti di entrata e uscita contrapposti.
- Singola morsettiera su primario (sezione cavo fino a 0,5 - 2,5 mm<sup>2</sup> / AWG20 - AWG13).
- Doppia morsettiera su secondario (sezione cavo fino a 0,5 - 2,5 mm<sup>2</sup> / AWG20 - AWG13).
- Serracavo su primario e secondario per cavi di diametro: min. 6 mm - max. 9 mm.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.



## Direct current electronic drivers Alimentatori elettronici in corrente continua

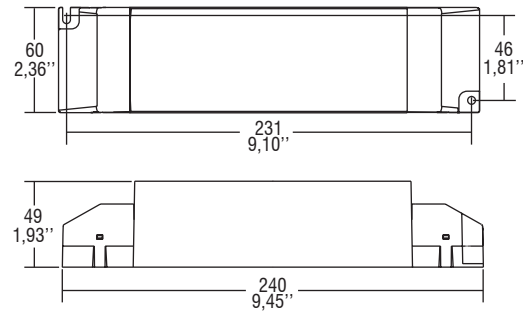
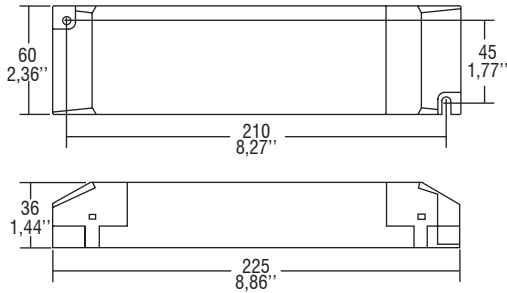
Made in Italy

**IP 20** **SCREW FIXING** Ø70 2,76" Weight - Peso: gr. 290 / 10,22 oz. Pcs - Pezzi 25

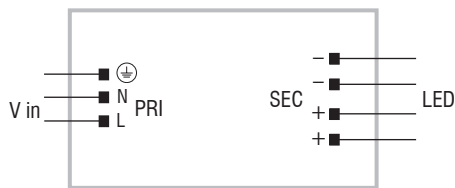
**IP 20** **SCREW FIXING** Ø80 3,15" Weight - Peso: gr. 345 / 12,16 oz. Pcs - Pezzi 20

DC 50W 24V VST - DC 50W 48V VST - DC 70W 24V VST - DC 70W 48V VST

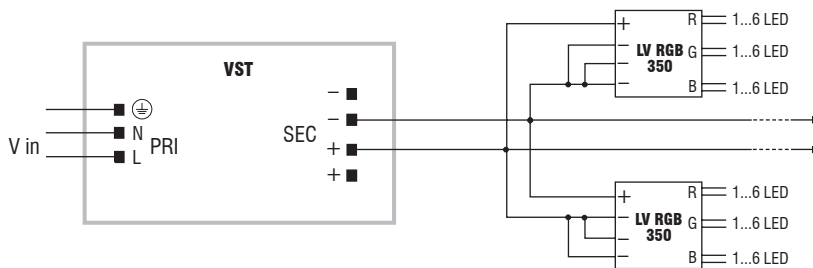
DC 50W 12V VST - DC 70W 12V VST - DC 150W 24V VST - DC 150W 48V VST



### Wiring diagrams - Schemi di collegamento (Max. LED distance at page info8 - Massima distanza LED a pagina info8)



### Example of application - Esempio di applicazione



5.1.1

Constant voltage drivers - Compact case - Switchable  
Alimentatori a tensione costante - Formato compatto - Non regolabili